

ABSTRACT

A jacket precursor, a pellet first core precursor, and a second core precursor are provided. The pellet and second core precursor are inserted into the jacket precursor. The second core precursor is pressed against the pellet so as to deform the pellet to fill a frontal volume of the jacket precursor as a first core with relatively less (if any) deformation of the second core precursor. An aft portion of the jacket precursor is deformed to contain the second core precursor as a second core. Preferred embodiments are formed substantially as drop-in replacements for existing bullets. A match embodiment features a lead rear core and a very light front core (e.g., a carbonate powder). A non-toxic embodiment comprises a tin front core and a harder rear core.

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